

North Grampian

Including North and West Cairngorms National Park, Monadhliath, Ben Alder, Creag Meagaidh, Loch Ericht and Loch Rannoch

Forecast valid from 00:00 on Tuesday 29 Mar 2022 until 23:59 on Wednesday 30 Mar 2022

Forecast Issued on Monday 28 Mar 2022 at 16:09 by Met Office Aberdeen

Confidence: High confidence for a return to wintry conditions on the hills, with wintry showers most days and blustery northerly winds at times, a significant wind chill can be expected most days. Lower confidence in frequency of snow showers and accumulations expected with the potential for some grouping of showers to give longer periods of snowfall.

Headline for Tuesday 29 Mar 2022: Outbreaks of snow through the morning, drier in the afternoon, further wintry showers later in the evening.

Mountain weather hazards on Tuesday 29 Mar 2022

Blizzards

No Likelihood

Heavy persistent snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

Medium Likelihood

Poor visibility

Low Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 800m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Clear night	Clear night	Partly cloudy (night)	Light snow	Heavy snow	Dull	Light snow	Heavy snow showers (night)
Precipitation probability							
<05%	<05%	<05%	60%	60%	20%	40%	40%

Forecast for Tuesday 29 Mar 2022

Weather: Mostly clear overnight and in the early morning period however cloud will soon spill south and thicken over the area. Outbreaks of rain or sleet will reach the Moray and Speyside hills by mid morning and continue to spread south over the Northern Cairngorms. These will turn increasingly wintry above 400m during the morning. Turning drier during the afternoon with some cloud breaks and brightness returning but feeling colder. By the evening a few snow showers may push down from the north and these will become more frequent overnight.

Chance of cloud-free hill tops above 800m: 90% falling to 40% during the morning but improving to 90% again by late afternoon, increase in low cloud associated with frontal precipitation moving south across Scotland.

Low cloud and visibility: Mainly cloud free around dawn with good early visibility for most ranges, cloud will lower from the north during the morning with bases falling to 400m widely by mid morning as frontal sleet and snow moves south. Visibility will turn poor or very poor for a time as the sleet and snow spreads south. There will be some breaks in the low cloud where it clears up a little and during the afternoon cloud will lift and break with the summits becoming mostly clear by evening with visibility becoming very good in the fresh northerly airstream. Visibility may dip again in any evening showers with cloud bases also dipping back to 600m temporarily.

Check our weather forecast every day to get the most accurate and up to date information

<http://www.metoffice.gov.uk/public/weather/mountain-forecast>

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Forecast for Tuesday 29 Mar 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1300	5/6 S	7/9 W	13/16 N	11/15 N	10/15 N	11/16 NE	15/21 NE	16/23 NE	15/21 NE
900	4/5 SW	6/8 SW	7/9 N	8/12 N	9/13 N	10/16 NE	12/18 NE	14/19 NE	12/17 NE
600	3/4 NW	4/5 W	5/7 N	6/10 NE	7/12 NE	8/13 NE	9/15 NE	9/14 NE	7/11 NE
300	3/5 W	3/6 W	3/6 NE	6/12 NE	7/14 NE	7/14 NE	7/15 NE	4/10 NE	5/11 NE
Glen	3/6 W	2/4 NW	2/6 N	4/11 NE	6/14 NE	6/13 NE	4/12 NE	3/9 NE	3/10 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1300	-2/-4	-2/-6	-3/-8	-2/-7	-3/-8	-4/-10	-6/-13	-7/-15	-8/-16
900	3/1	2/-0	0/-4	1/-3	-0/-4	-1/-6	-3/-8	-4/-11	-5/-12
600	4/4	3/2	2/-1	2/-0	2/-2	0/-4	-0/-5	-2/-6	-3/-7
300	4/3	3/1	3/1	4/1	3/0	2/-1	2/-1	-0/-2	-1/-4
Glen	4/3	2/1	2/1	4/1	4/2	4/1	3/0	1/-1	-1/-4
Freezing Level*	1100m	1100m	1000m	800m	600m	500m	400m	200m	100m

*Level above which ground is expected to be frozen/snow is expected to settle.

Met Office Aberdeen Meteorologist's View

Note the fall in freezing level and the change in wind chill effect with during the day with a real change back to winter conditions on all ranges by the end of the day. Although winds won't be very strong they will significantly enhance the chill effect and snow accumulations, although not large will make walking conditions harder.

Forecast for Wednesday 30 Mar 2022

Weather: Wintry showers expected throughout the day, with the potential for a few showers to group together to give a longer spell of snow. Outwith showers some brightness or sunny weather expected. Cold northerly winds are likely to become gusty around the showers which may cause some temporary blizzard conditions higher on the munros.

Maximum wind: Northerly 15mph with gusts 25mph but perhaps 35mph around showers.

Chance of cloud-free hill tops above 800m: 60%, most lower cloud will be in association with showers,

Low cloud and visibility: Cloud temporarily become scattered or broken above 5-600m in snow showers perhaps lower if more intense snow showers form. Visibility, very poor in showers and perhaps temporary whiteout conditions on the higher summits in heavier showers, outwith showers visibility will be very good in the cool northerly airstream.

Temperature: **Glens:** Minus 2 rising to 3 Celsius.

At 800m: Minus 6 rising to Minus 3 Celsius.

Freezing level: 100m rising to 400m before falling again to 200m.